

(400D 015)

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UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/23/1998

REEL/FRAME: 9276/0358 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 03/23/1998

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DOC DATE: 04/09/1998

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DOC DATE: 06/17/1998

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OFFICE OF PETITIONS

SERIAL NUMBER: 09023150

PATENT NUMBER:

FILING DATE: 01/12/1998

ISSUE DATE:

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SEDLEY PYNE, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



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35 U.S.C. 25 Declaration in lieu of oath.

- (a) The Director may by rule prescribe that any document to be filed in the Patent and Trademark Office and which is required by any law, rule, or other regulation to be under oath may be subscribed to by a written declaration in such form as the Director may prescribe, such declaration to be in lieu of the oath otherwise required.
- (b) Whenever such written declaration is used, the document must warn the declarant that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001).

(Added Mar. 26, 1964, Public Law 88-292, sec. 1, 78 Stat. 171; amended Jan. 2, 1975, Public Law 93-596, sec. 1, 88 Stat. 1949; Nov. 29, 1999, Public Law 106-113, sec. 1000(a)(9), 113 Stat. 1501A-582 (S. 1948 sec. 4732(a)(10)(A)).)

35 U.S.C. 111 Application.

- (a) IN GENERAL.-
- (1) WRITTEN APPLICATION.-An application for patent shall be made, or authorized to be made, by the inventor, except as otherwise provided in this title, in writing to the Director.
- (2) CONTENTS.-Such application shall include-
- (A) a specification as prescribed by section 112 of this title;
- (B) a drawing as prescribed by section 113 of this title; and
- (C) an oath by the applicant as prescribed by section 115 of this title.
- (3) FEE AND OATH.-The application must be accompanied by the fee required by law. The fee and oath may be submitted after the specification and any required drawing are submitted, within such period and under such conditions, including the payment of a surcharge, as may be prescribed by the Director.
- (4) FAILURE TO SUBMIT.-Upon failure to submit the fee and oath within such prescribed period, the application shall be regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the fee and oath was unavoidable or unintentional. The



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filing date of an application shall be the date on which the specification and any required drawing are received in the Patent and Trademark Office.

- (b) PROVISIONAL APPLICATION.-
- (1) AUTHORIZATION.-A provisional application for patent shall be made or authorized to be made by the inventor, except as otherwise provided in this title, in writing to the Director. Such application shall include-
- (A) a specification as prescribed by the first paragraph of section 112 of this title; and
- (B) a drawing as prescribed by section 113 of this title.
- (2) CLAIM.-A claim, as required by the second through fifth paragraphs of section 112, shall not be required in a provisional application.
- (3) FEE.-
- (A) The application must be accompanied by the fee required by law.
- (B) The fee may be submitted after the specification and any required drawing are submitted, within such period and under such conditions, including the payment of a surcharge, as may be prescribed by the Director.
- (C) Upon failure to submit the fee within such prescribed period, the application shall be regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the fee was unavoidable or unintentional.
- (4) FILING DATE.-The filing date of a provisional application shall be the date on which the specification and any required drawing are received in the Patent and Trademark Office.
- (5) ABANDONMENT.-Notwithstanding the absence of a claim, upon timely request and as prescribed by the Director, a provisional application may be treated as an application filed under subsection (a). Subject to section 119(e)(3) of this title, if no such request is made, the provisional application shall be regarded as abandoned 12 months after the filing date of such application and shall not be subject to revival after such 12-month period.
- (6) OTHER BASIS FOR PROVISIONAL APPLICATION.-Subject to all the conditions in this subsection and section 119(e) of this title, and as prescribed by the Director, an application for patent filed under subsection (a) may be treated as a provisional application for patent.



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- (7) NO RIGHT OF PRIORITY OR BENEFIT OF EARLIEST FILING DATE.-A provisional application shall not be entitled to the right of priority of any other application under section 119 or 365(a) of this title or to the benefit of an earlier filing date in the United States under section 120, 121, or 365(c) of this title.
- (8) APPLICABLE PROVISIONS.-The provisions of this title relating to applications for patent shall apply to provisional applications for patent, except as otherwise provided, and except that provisional applications for patent shall not be subject to sections 115, 131, 135, and 157 of this title.

(Amended Aug. 27, 1982, Public Law 97-247, sec. 5, 96 Stat. 319; Dec. 8, 1994, Public Law 103-465, sec. 532(b)(3), 108 Stat. 4986; Nov. 29, 1999, Public Law 106-113, sec. 1000(a)(9), 113 Stat. 1501A-582, 588 (S. 1948 secs. 4732(a)(10)(A), 4801(a)).)

35 U.S.C. 115 Oath of applicant.

The applicant shall make oath that he believes himself to be the original and first inventor of the process, machine, manufacture, or composition of matter, or improvement thereof, for which he solicits a patent; and shall state of what country he is a citizen. Such oath may be made before any person within the United States authorized by law to administer oaths, or, when made in a foreign country, before any diplomatic or consular officer of the United States authorized to administer oaths, or before any officer having an official seal and authorized to administer oaths in the foreign country in which the applicant may be, whose authority is proved by certificate of a diplomatic or consular officer of the United States, or apostille of an official designated by a foreign country which, by treaty or convention, accords like effect to apostilles of designated officials in the United States. Such oath is valid if it complies with the laws of the state or country where made. When the application is made as provided in this title by a person other than the inventor, the oath may be so varied in form that it can be made by him. For purposes of this section, a consular officer shall include any United States citizen serving overseas, authorized to perform notarial functions pursuant to section 1750 of the Revised Statutes, as amended (22 U.S.C. 4221).

(Amended Aug. 27, 1982, Public Law 97-247, sec. 14(a), 96 Stat. 321; Oct. 21, 1998, Pub. L. 105-277, sec. 2222(d), 112 Stat. 2681-818.)



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I (we) believe we are the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Composition and Method for a Dual-Function Soil-Grouting Excavating or Boring Fluid

the specificati	ion of	which			
specification, I (we) acknow	inclu vledge	ding the claims, as amend the duty to disclose infor	09/880,40 (if applicated understand led by any amount on which	able) the contents of the above identification above. the is material to the examination of	
application in	acco	rdance with Title 37, Code	e of Federal F	Regulations, §1.56(a).	

application(s) application is first paragrapl material infor	listed not done of Tomation mation/	I below and, insofar as the isclosed in the prior Unite itle 35, United States Cod in as defined in Title 37, Cohe filing date of the prior a	e subject matt d States appli le, §112, I (we Code of Feder	States Code, §120 of any United er of each of the claims of this ication in the manner provided by e) acknowledge the duty to discless al Regulations, §1.56(a) which and the national or PCT internation	the ose
09/023,150		Februar 1998	ry 12,	Patented	
(Application S	Serial	No.) (Filing	Date)	(Status) (Patented, Pending, Abandoned	i)

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DEC 1 3 2002 OFFICE OF PETITIONS I (we) hereby claim domestic priority benefits under Title 35, United States Code, §119(e) of any provisional application(s) for patent listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I (we) acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior provisional application and the national or PCT international filing date of this application:

Provisional Application(s):

60/ 037,712	12 FEB 98	Pending
(Application Serial No.)	(Filing Date)	(Status)

I (we) hereby appoint the following as our representative(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: STEPHEN H. CAGLE, Attorney (Reg. No. 26,445), PATRICIA A. KAMMERER, Attorney (Reg. No. 29,775), CRAIG M. LUNDELL, Attorney (Reg. No. 30,284), JANELLE D. WAACK, Attorney (Reg. No. 36,300), JOHN R. KEVILLE, Agent (Reg. No. 42, 723), and CARTER J. WHITE, Agent (Reg. No. 41,374), each an attorney or agent with the law firm of HOWREY SIMON ARNOLD & WHITE LLP, and all other practitioners associated with Customer Number: 23369 as its attorney or agent so long as they remain with such law firm.

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I (we) hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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